

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000545

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21C 1/02, D21C 1/04
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9741294 A1 (KVAERNER PULPING AB), 6 November 1997 (06.11.1997), claim 1 --	1-8
A	US 3841962 A (A.R. PROCTER ET AL), 15 October 1974 (15.10.1974), claim 1 --	1-8
A	US 3520773 A (MAGNUS G. VINJE), 14 July 1970 (14.07.1970), claim 1 --	1-8
A	WO 0028133 A1 (VALMET CHEMICAL PULPING OY), 18 May 2000 (18.05.2000), claim 1 --	1-8

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

9 June 2004

Date of mailing of the international search report

02 -07- 2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

MARIANNE BRATSBERG/BS
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000545

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 0047812 A1 (KIRAM AB), 17 August 2000 (17.08.2000), claim 4</p> <p style="text-align: center;">-- -----</p>	1-8

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000545

WO	9741294	A1	06/11/1997	AT	253661	T	15/11/2003
				BR	9709122	A	03/08/1999
				CA	2253301	A	06/11/1997
				DE	69619545	D,T	10/10/2002
				DE	69725976	D	00/00/0000
				EP	0868244	A,B	07/10/1998
				EP	0896648	A,B	17/02/1999
				JP	2000502958	T	14/03/2000
				JP	2000509115	T	18/07/2000
				SE	506702	C	02/02/1998
				SE	9601643	A	31/10/1997
				US	5976321	A	02/11/1999

US	3841962	A	15/10/1974	FI	55693	B,C	31/05/1979
				FR	2194840	A,B	01/03/1974
				JP	49092302	A	03/09/1974
				JP	52017121	B	13/05/1977
				NO	137099	B,C	19/09/1977
				SE	389135	B,C	25/10/1976
				BR	7305787	D	00/00/0000
				CA	971312	A	22/07/1975
				ZA	7304702	A	26/06/1974

US	3520773	A	14/07/1970	NONE
----	---------	---	------------	------

WO	0028133	A1	18/05/2000	BR	9915044	A	30/10/2001
				FI	982411	A	07/05/2000
				JP	2002529618	T	10/09/2002
				US	6413367	B	02/07/2002

WO	0047812	A1	17/08/2000	AU	5889699	A	21/03/2000
				BR	0008237	A	06/11/2001
				CA	2356444	A	17/08/2000
				CN	1340121	T	13/03/2002
				EP	1161592	A	12/12/2001
				JP	2002536563	T	29/10/2002
				SE	9900191	A	02/03/2000
				WO	0012854	A	09/03/2000